

Medley Piaggio Group

Severe asthma is a form of asthma that responds poorly to currently available medication, and its patients represent those with greatest unmet needs. In the last 10 years, substantial progress has been made in terms of understanding some of the mechanisms that drive severe asthma; there have also been concomitant advances in the recognition of specific molecular phenotypes. This ERS Monograph covers all aspects of severe asthma – epidemiology, diagnosis, mechanisms, treatment and management – but has a particular focus on recent understanding of mechanistic heterogeneity based on an analytic approach using various ‘omics platforms applied to clinically well-defined asthma cohorts. How these advances have led to improved management targets is also emphasised. This book brings together the clinical and scientific expertise of those from around the world who are collaborating to solve the problem of severe asthma.

This book has established itself as the authoritative text on health sciences peer review. Contributions from the world's leading figures discuss the state of peer review, question its role in the currently changing world of electronic journal publishing, and debate where it should go from here. The second edition has been thoroughly revised and new chapters added on qualitative peer review, training, consumers and innovation.

Many post-war inventions were forgotten as incomes rose and the standard of living increased. The Vespa, however, developed from a utility vehicle into international success - a cult object that has spawned societies and fans worldwide. This title tells its story.

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Vertebrate invasive species are important ecologically, socially, and scientifically throughout much of the globe. However, the interdiction and options for management of invasive species are driven by localized regulation at the country or even state level and thus the management of species must be framed within that context. This book is focused around the management of invasive vertebrate species in the United States, although readers will find much of the material broadly applicable to invasive species in other regions. Vertebrate invasive species cause damage to agriculture, property, natural resources, and threaten human health and safety. However, most of these species occur in the United States resulting from human-mediated activities, often being released intentionally. For the first time, the wealth of scientific information about vertebrate invasive species in the United States is summarized and synthesized in a single volume to be easily accessible to ecologists and natural resource managers. With a focus on prominent terrestrial invasive species that have a history of policy and management and highlighting contemporary issues and management, this book consists of 18 chapters written by experts from across the United States. The first section of the book focuses on overarching policy and management topics associated with vertebrate invasive species; including biosecurity threats and risk assessment, policy and regulation, and the economics of their management. The second section provides in-depth reviews of noteworthy invasive mammals, birds, amphibians, and reptiles. After finishing this book, the reader should understand the complexity of managing invasive species, the unique challenges that each new species may present, and the steps forward that may decrease the impact of these species on the environment, human health, and the economy.

Avedis Donabedian's name is synonymous with quality of medical care. He unraveled the mystery behind the concept by defining it in clear operational terms and provided detailed blueprints for both its measurement (known as quality assessment) and its improvement (known as quality assurance). Many before him claimed that quality couldn't be defined in concrete objective terms. He demonstrated that quality is an

attribute of a system which he called structure, a set of organized activities which he called process, and an outcome which results from both. In this book Donabedian tells the full story of quality assessment and assurance in simple, clear terms. He defines the meaning of quality, explicates its components, and provides clear and systematic guides to its assessment and enhancement. His style is lucid, succinct, systematic and yet personal, almost conversational.

Hardly a day goes by without news headlines concerning infectious disease threats. Currently the spectre of a pandemic of influenza A|H1N1 is raising its head, and heated debates are taking place about the pro's and con's of vaccinating young girls against human papilloma virus. For an evidence-based and responsible communication of infectious disease topics to avoid misunderstandings and overreaction of the public, we need solid scientific knowledge and an understanding of all aspects of infectious diseases and their control. The aim of our book is to present the reader with the general picture and the main ideas of the subject. The book introduces the reader to methodological aspects of epidemiology that are specific for infectious diseases and provides insight into the epidemiology of some classes of infectious diseases characterized by their main modes of transmission. This choice of topics bridges the gap between scientific research on the clinical, biological, mathematical, social and economic aspects of infectious diseases and their applications in public health. The book will help the reader to understand the impact of infectious diseases on modern society and the instruments that policy makers have at their disposal to deal with these challenges. It is written for students of the health sciences, both of curative medicine and public health, and for experts that are active in these and related domains, and it may be of interest for the educated layman since the technical level is kept relatively low. This gives comprehensive coverage of the essential differential equations students they are likely to encounter in solving engineering and mechanics problems across the field -- alongside a more advanced volume on applications. This first volume covers a very broad range of theories related to solving differential equations, mathematical preliminaries, ODE (n-th order and system of 1st order ODE in matrix form), PDE (1st order, 2nd, and higher order including wave, diffusion, potential, biharmonic equations and more). Plus more advanced topics such as Green's function method, integral and integro-differential equations, asymptotic expansion and perturbation, calculus of variations, variational and related methods, finite difference and numerical methods. All readers who are concerned with and interested in engineering mechanics problems, climate change, and nanotechnology will find topics covered in these books providing valuable information and mathematics background for their multi-disciplinary research and education.

Fetal growth restriction (FGR) is a condition that affects 5%–10% of all pregnancies and is the second most common cause of perinatal mortality. Fetuses with FGR present with a greater risk of long-term health defects as impaired neurological and cognitive development and cardiovascular or endocrine diseases in adulthood. Due to its high prevalence and serious long term consequences, an in-depth understating of the diagnosis and management of FGR is essential for all those professionals involved in prenatal care, since it can prevent unwanted outcomes both to the mother and to the newborn. On the last years, the knowledge about fetal growth restriction has evolved considerably, with an increasing number of articles being published on this topic and new concepts being described, including new diagnostic guidelines. Even so, there are no recent books fully dedicated to FGR; this theme has only generally been discussed in chapters in larger obstetrics and neonatology books. This current book intends to

present and discuss the state of the art on FGR in a clear and didactical way. It will focus on the main topics related to FGR, including its etiology, classification, prediction, diagnosis, and management, as well as on its neurological complications and maternal cardiovascular involvement. Written by experienced and renowned gynecologists from Brazil, Italy and the US, this book will be a comprehensive guide, directed to all gynecologists, radiologists and general practitioners who are involved in prenatal care, as well as to interns, residents, professors and researchers in the field.

The earth is the common home of humanity. It is a gift from God. Yet man's abuse of freedom threatens that home. In his encyclical *Praise Be to You (Laudato Si')*, Pope Francis challenges all people to praise God for his glorious creation and to work to safeguard her. The encyclical letter takes its name from St. Francis of Assisi's *Canticle of the Creatures*, which depicts creation as "a sister with whom we share our life and a beautiful mother who opens her arms to embrace us". "This sister", Pope Francis declares, "now cries out to us because of the harm we have inflicted on her by our irresponsible use and abuse of the goods with which God has endowed her". He calls for an "integral ecology" based on what Pope St John Paul called an "ecological conversion"—a moral transformation linking the proper response to God for the gift of his creation to concern for justice, especially for the poor. He challenges people to understand ecology in terms of the right ordering of the fundamental relationships of the human person: with God, oneself, other people, and the rest of creation. Francis examines such ecological concerns as pollution, waste, and what he calls "the throwaway culture". Climate, he insists, is a common good to be protected. He explores the proper use of natural resources and notions such as sustainability from a Judeo-Christian perspective. The loss of biodiversity due to human activities, decline in the quality of life for many people, global inequality of resources, as well as concerns over consumerism and excessive individualism also threaten the good order of creation, writes Pope Francis. While valuing technology and innovation, he rejects efforts to repudiate the natural order, including the moral law inscribed in human nature or to rely simply on science to solve ecological problems. Moral and spiritual resources are crucial, including openness to God's purpose for the world. Expounding the biblical tradition regarding creation and redemption in Christ, Francis stresses man's subordination to God's plan and the universal communion of all creation. "Dominion", he maintains, means "responsible stewardship" rather than exploitation. He rejects treating creation as if it were "divine" and insists on the primacy of the human person in creation. He also explores the roots of the ecological crisis in man's abuse of technology, his self-centeredness, and the rise of practical relativism. Without rejecting political changes, he implores people to change their hearts and their ways of life. Popes Benedict XVI, St John Paul II, and Blessed Paul VI addressed key themes regarding stewardship of God's creation and justice in the world. But Pope Francis is the first to devote an entire encyclical to the subject.

The pilot watches the instrument panel and prepares for touchdown—a routine landing until a burst of birds, a coyote, or a herd of deer crosses the runway! Every year, pilots experience this tension and many aircraft come into direct contact with birds and other wildlife, resulting in more than one billion dollars in damage annually. The United States Federal Aviation Administration has recorded a rise in these incidents over the past decade due to the combined effects of more reporting, rebounding wildlife

populations, and an increased number of flights. *Wildlife in Airport Environments* tackles the issue of what to do about encounters with wildlife in and around airports—from rural, small-craft airparks to major international hubs. Whether the problem is birds or bats in the flight path or a moose on the runway, the authors provide a thorough overview of the science behind wildlife management at airports. This well-written, carefully documented volume presents a clear synthesis for researchers, wildlife managers, and airport professionals. The book belongs in the hands of all those charged with minimizing the risks that wildlife pose to air travel. *Wildlife in Airport Environments* is the first book in the series *Wildlife Management and Conservation* and is published in association with The Wildlife Society. Contributors Michael L. Avery, U.S. Department of Agriculture Jerrold L. Belant, Mississippi State University Kristin M. Biondi, Mississippi State University Bradley F. Blackwell, U.S. Department of Agriculture Jonathon D. Cepek, U.S. Department of Agriculture Larry Clark, U.S. Department of Agriculture Tara J. Conkling, Mississippi State University Scott R. Craven, University of Wisconsin–Madison Paul D. Curtis, Cornell University Travis L. DeVault, U.S. Department of Agriculture Richard A. Dolbeer, U.S. Department of Agriculture David Felstul, U.S. Department of the Interior Esteban Fernández-Juricic, Purdue University Alan B. Franklin, U.S. Department of Agriculture Sidney A. Gauthreaux Jr., Clemson University Michael Lavelle, U.S. Department of Agriculture James A. Martin, Mississippi State University Rebecca Mihalco, U.S. Department of Agriculture Paige M. Schmidt, U.S. Fish and Wildlife Service Thomas W. Seamans, U.S. Department of Agriculture Kurt C. VerCauteren, U.S. Department of Agriculture Brian E. Washburn, U.S. Department of Agriculture

This successful book, now in its third edition, continues to provide a comprehensive introduction to the role of epidemiology in veterinary medicine. Since the publication of the second edition there has been considerable expansion in the application of veterinary epidemiology: more quantitative methods are available, challenges such as the epidemic of foot-and-mouth disease in Europe in 2001 have required epidemiological investigation, and epidemiological analyses have taken on further importance with the emergence of evidence-based veterinary medicine. In this edition: Completely revised and expanded chapters; Increased attention given to the principles and concepts of epidemiology, surveillance, and diagnostic-test validation and performance; Many examples are drawn from both large and small animal medicine, and from the developing as well as the developed world This paperback edition includes a new section on risk analysis. *Veterinary Epidemiology* is an invaluable reference source for veterinary general practitioners, government veterinarians, agricultural economists and members of other disciplines interested in animal disease. It will also be essential reading for undergraduate and intermediate-level postgraduate students of epidemiology. "Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt

"This reference manual is intended for use by skilled providers (including midwives doctors and nurses) who care for womans experiencing normal pregnancies, births, and postpartum periods, as well as their normal newborns, in low-resource settings."

Guidelines for Reporting Health Research is a practical guide to choosing and correctly applying the appropriate guidelines when reporting health research to ensure clear, transparent, and useful reports. This new title begins with an introduction to reporting guidelines and an overview of the importance of transparent reporting, the characteristics of good guidelines, and how to use reporting guidelines effectively in reporting health research. This hands-on manual also describes over a dozen internationally recognised published guidelines such as CONSORT, STROBE, PRISMA and STARD in a clear and easy to understand format. It aims to help researchers choose and use the correct guidelines for reporting their research, and to produce more completely and transparently reported papers which will help to ensure reports are more useful and are not misleading. Written by the authors of health research reporting guidelines, in association with the EQUATOR (Enhancing the QUALity and Transparency Of health Research) Network, Guidelines for Reporting Health Research is a helpful guide to producing publishable research. It will be a valuable resource for researchers in their role as authors and also an important reference for editors and peer reviewers.

Public health has a legacy of neglect regarding social and behavioral research. Too often, prompted by technical and scientific progress, we have ignored even marginalized-the vital "human element" in health thinking and practice. Thus, for example, while family planning programs focused on providing a choice among safe and effective contraceptive methods (a supremely worthy goal), the central issue of sexuality and sexual behavior was generally neglected. Similarly, the enormous and important efforts to develop rapid and reliable diagnostic and treatment methods for sexually transmitted diseases helped divert attention away from the crucial issues of sexual practice. In short, we seem to have difficulty addressing the fundamental behaviors-including sex, drug taking and other intoxications, and violence-that are central to the major causes of preventable morbidity, disability, and premature mortality in the world today. Our collective reluctance to examine and understand ourselves is also expressed in the oft-repeated pipedream that scientific progress will "take care of" the HIV / AIDS pandemic by delivering a preventive vaccine, an effective cure, or both. Yet even a cursory glance at the relationship between scientific/ technical progress and health shows that meeting the scientific challenges is only one step toward effective application of the vaccine or drug. It is typical, not atypical, that hepatitis B vaccine is only now becoming relatively freely available to large populations in the developing world, more than a decade after the vaccine's licensure.

A unique, in-depth discussion of the uses and conduct of cost-effectiveness analyses (CEAs) as decision-making aids in the health and medical fields, this volume is the product of over two years of comprehensive research and deliberation by a multi-disciplinary panel of economists, ethicists, psychometricians, and clinicians. Exploring cost-effectiveness in the context of societal decision-making for resource allocation purposes, this volume proposes that analysts include a "reference-case" analysis in all CEAs designed to inform resource allocation and puts forth the most explicit set of guidelines (together with their rationale) ever defined on the conduct of CEAs. Important theoretical and practical issues encountered in measuring costs and effectiveness, evaluating outcomes, discounting, and dealing with uncertainty are examined in separate chapters. Additional chapters on framing and reporting of CEAs elucidate the purpose of the analysis and the effective communication of its findings. Cost-Effectiveness in

Health and Medicine differs from the available literature in several key aspects. Most importantly, it represents a consensus on standard methods--a feature integral to a CEA, whose principal goal is to permit comparisons of the costs and health outcomes of alternative ways of improving health. The detailed level at which the discussion is offered is another major distinction of this book, since guidelines in journal literature and in CEA-related books tend to be rather general--to the extent that the analyst is left with little guidance on specific matters. The focused overview of the theoretical background underlying areas of controversy and of methodological alternatives, and, finally, the accessible writing style make this volume a top choice on the reading lists of analysts in medicine and public health who wish to improve practice and comparability of CEAs. The book will also appeal to decision-makers in government, managed care, and industry who wish to consider the uses and limitations of CEAs.

Managing Drug Supply (MDS) is the leading reference on how to manage essential medicines in developing countries. MDS was originally published in 1982; it was revised in 1997 with over 10,000 copies distributed in over 60 countries worldwide. The third edition, MDS-3: Managing Access to Medicines and Health Technologies reflects the dramatic changes in politics and public health priorities, advances in science and medicine, greater focus on health care systems, increased donor funding, and the advent of information technology that have profoundly affected access to essential medicines over the past 14 years. Nearly 100 experts from a wide range of disciplines and virtually every corner of the world have contributed to this third edition. In addition to many new country studies, references, and extensive revisions, MDS-3 offers new chapters on areas such as pharmaceutical benefits in insurance programs, pricing, intellectual property, drug seller initiatives, and traditional and complementary medicine. The revisions and new chapters echo the wide variety of issues that are important to health practitioners and policy makers today. MDS-3 will be a valuable tool in the effort to ensure universal access to quality medicines and health technologies and their appropriate use.

Within the continuum of reproductive health care, antenatal care provides a platform for important health-care functions, including health promotion, screening and diagnosis, and disease prevention. It has been established that, by implementing timely and appropriate evidence-based practices, antenatal care can save lives. Endorsed by the United Nations Secretary-General, this is a comprehensive WHO guideline on routine antenatal care for pregnant women and adolescent girls. It aims to complement existing WHO guidelines on the management of specific pregnancy-related complications. The guidance captures the complex nature of the antenatal care issues surrounding healthcare practices and delivery, and prioritizes person-centered health and well-being --- not only the prevention of death and morbidity --- in accordance with a human rights-based approach.

This book synthesizes and analyzes research on early vocal contact (EVC) for preterm infants, an early healthcare strategy aimed at reducing the long-term impact of neonatal hospitalization, minimizing negative impacts of premature birth, and promoting positive brain development. Chapters begin by examining research on the maternal voice and its unique and fundamental role in infant development during the fetal and neonatal period. The book discusses the rationale for EVC with preterm infants, the underlying neurobiological mechanisms, and the challenges for infants' development. Subsequent chapters highlight various

EVCs that are used in the neonatal intensive care unit (NICU), including direct talking and singing to preterm infants. In addition, the book also presents and evaluates early family-centered therapies as well as paternal and other caregiver voice interventions. Topics featured in this book include: Early vocal contact and the language development of preterm infants. The maternal voice and its influence on the stability and the sleep of preterm infants. Parental singing as a form of early interactive contact with the preterm infant. Recorded or live music interventions in the bioecology of the NICU. The role of the music therapist to hospitalized infants. The Calming Cycle Theory and its implementation in preterm infants. Early Vocal Contact and Preterm Infant Brain Development is an essential reference for researchers, clinicians and related professionals, and graduate students in developmental psychology, pediatrics, neuroscience, obstetrics and nursing.

Scooterboys are the lost tribe of British youth culture. Unrecognised, uncelebrated and unwanted; misunderstood by a general public who mistook us for Mods. We weren't Mods though. By the 1980s myself and tens of thousands of scooter riders collectively rejected that label. Instead, we took the roadmap of British youth disaffection and carved a new bypass. This route took us beyond the UK's faded seaside resorts, allowing us to spread our creed across the continents. Tuned and customised Vespa and Lambretta scooters gave us freedom to roam; transport to live for the weekend. Shared experiences of riots, local hostility and police harassment built strong fraternal bonds that endure to this day. Despite decades of two-wheeled rebellion our threat level was never high enough to put us on the national security radar. This low profile has its benefits. We aren't doomed to follow the same cycle as Mods. First feared, then pilloried, accepted and finally adopted as part of UK's rich culture. As British as a vindaloo. The cult of Scooterboy has escaped death-by-public-acceptance, simply by remaining too underground. Too difficult to distinguish from what came before. And that's just perfect. You'll never see Scooterboys parodied in TV insurance adverts or low budget fly-on-the-walls. The poorly-rendered caricature is always some cliché Mod on a 'Christmas Tree' scooter. If you rode to rallies in the 80s and 90s then this book will mirror your experiences. If you've never had a scooter then it offers a rare glimpse of life inside the lost tribe of two-stroke terrorists.

Good Enough for God? Recent surveys indicate that the vast majority of Christians, those claiming to be born-again, believe that their salvation is at least in part dependent upon their behavior and actions. Yes, they believe Jesus died for their sin, but once they accept Him as their savior, they believe they must still meet a certain standard to be "good" enough. If that is true, then what is that standard and how do you know when you have met it? The Church has tried to answer these questions for centuries and it always results in religious and legalistic bondage. So what is the answer? It begins by asking the right question. It is not, "What must we do?" but rather, "What did Jesus do?" By understanding the Apostle Paul's revelation of what Jesus did from the book of Romans, you will never again wonder if you're meeting the standard.

Art in the Global Present presents a fascinating collection of essays that together reveal how art is currently navigating a

globalised world. It addresses social issues such as the impact of migration, the 'war on terror' and the global financial crisis, and questions the transformations produced by new forms of flexible labour and the digital revolution. Through examining the resistance to the politics of globalisation in contemporary art, presenting the construction of an alternative geography of the imagination and reflecting on art's capacity to express the widest possible sense of being, this book explores the worlds that artists make when they make art. A multifaceted perspective on the complexity of these issues is reached through the words of a diverse range of art practitioners and commentators, including acclaimed artists Lucy Orta, Callum Morton, Danae Stratou and the collective Postcommodity, international curators Hou Hanru, Cuauhtémoc Medina, Ranjit Hoskote and Linda Marie Walker and art critics, academics, writers and theorists Jean Burgess, Paul Carter, Barbara Creed, Geert Lovink, Scott McQuire, Nikos Papastergiadis, Gerald Raunig and Jan Verwoert. This is the complete Liber Primus from the Cicada 3301 crypto puzzle. The additional pages from later stages are also included in chronological order. This book is primarily meant for decorative purposes due to the lack of embedded metadata.

'The thirst to be boundless is not created by you; it is just life longing for itself.' —Sadhguru This is the extraordinary story of Sadhguru—a young agnostic who turned yogi, a wild motorcyclist who turned mystic, a sceptic who turned spiritual guide. Pulsating with his razor-sharp intelligence, bracing wit and modern-day vocabulary, the book empowers you to explore your spiritual self and could well change your life. It seeks to re-create the life journey of a man who combines rationality with mysticism, irreverence with compassion, ancient wisdom with a provocatively contemporary outlook and a deep knowledge of the self with a contagious love of life. Described as 'a profound mystic, visionary humanitarian and prominent spiritual leader of our times', he is equally at home in a satsangh in rural Tamil Nadu as at the World Economic Forum in Davos. In his early years, Jaggi Vasudev (or Sadhguru as he is now known) was a chronic truant, a boisterous prankster, and later a lover of motorbikes and fast cars. It is evident that the same urgency, passion and vitality echo in his spiritual pursuits to this day, from his creation of the historic Dhyanalunga—the mission of three lifetimes—to his approach as a guru. In Sadhguru's view, faith and reason, spirituality and science, the sacred and the material, cannot be divided into easy binaries. He sees people as 'spiritual beings dabbling with the material rather than the reverse', and liberation as the fundamental longing in every form of life. Truth for him is a living experience instead of a destination, a conclusion, or a matter of metaphysical speculation. The possibility of self-realization, he strongly believes, is available to all. Drawing upon extended conversations with Sadhguru, interviews with Isha colleagues and fellow meditators, poet Arundhati Subramaniam presents an evocative portrait of a contemporary mystic and guru—a man who seems to pack the intensity and adventure of several lifetimes into a single one.

The Evolutionary Ecology of Invasive Species offers new insights into the mechanisms that underlie rapid evolution in these species. The book provides a comprehensive overview of achievements in the field during the boom of information over the past two decades and includes discussions of possible future directions for the study of evolution in invasive species. Written by an international expert in invasion ecology, population genetics, and evolutionary biology, the book explores the roles of preadaptation, phenotypic plasticity, selection, and stochastic processes in driving rapid evolution. The book draws insights from a wide spectrum of invasive microbes, plants, and animals, covering many of the planet's biogeographic regions and discusses the evolutionary consequences for native species in response to biological invasions. A valuable resource to researchers and students in evolutionary biology, invasive species biology, and global change biology, this text suggests future research directions related to the evolutionary biology, impacts, and management of invasive species. Highlights the most recent advances and developments in using evolutionary principles to study and manage invasive species Offers new and often overlooked insights in processes that govern rapid evolution Discusses key stages of population demography that underlie rapid evolutionary change in invasive species, including their introduction, naturalisation, and dispersal

Master the effective evaluation, analysis and management of placental-fetal growth restriction (PFGR), reducing the risk of perinatal mortality and morbidity in patients worldwide. Extensively researched by international experts, this manual provides practitioners with a detailed, hands-on approach to the practical 'pearls' for direct patient management. This authoritative volume advises on matters such as the correct evaluation and management of high-risk patients in danger of PFGR through to delivery. Extensive and wide-ranging, this book is an invaluable companion to the developing research interest and clinical applications in PFGR, including developmental outcomes in early childhood. Featuring a critical evaluation of a variety of abnormal conditions, such as fetal hypoxia, which are clearly displayed through extensive illustrations. This essential toolkit ensures that practitioners of all levels can effectively limit the risk of mortality and morbidity, and reach the correct diagnosis, first-time.

Health and human services currently face a series of challenges – such as aging populations, chronic diseases and new endemics – that require highly complex responses, and take place in multiple care environments including acute medicine, chronic care facilities and the community. Accordingly, most modern health care interventions are now seen as 'complex interventions' – activities that contain a number of component parts with the potential for interactions between them which, when applied to the intended target population, produce a range of possible and variable outcomes. This in turn requires methodological developments that also take into account changing values and attitudes related to the situation of patients' receiving health care. The first book to place complex interventions within a coherent system of

research enquiry, this work is designed to help researchers understand the research processes involved at each stage of developing, testing, evaluating and implementing complex interventions, and assist them to integrate methodological activities to produce secure, evidence-based health care interventions. It begins with conceptual chapters which set out the complex interventions framework, discuss the interrelation between knowledge development and evidence, and explore how mixed methods research contributes to improved health. Structured around the influential UK Medical Research Council guidance for use of complex interventions, four sections, each comprised of bite-sized chapters written by multidisciplinary experts in the area, focus on: - Developing complex interventions - Assessing the feasibility of complex interventions and piloting them - Evaluating complex interventions - Implementing complex interventions. Accessible to students and researchers grappling with complex interventions, each substantive chapter includes an introduction, bulleted learning objectives, clinical examples, a summary and further reading. The perspectives of various stakeholders, including patients, families and professionals, are discussed throughout as are the economic and ethical implications of methods. A vital companion for health research, this book is suitable for readers from multidisciplinary disciplines such as medical, nursing, public health, health services research, human services and allied healthcare backgrounds.

A young man escapes 1970s Belfast on his Moto Guzzi Le Mans, and tries to find himself... and the road to Australia... what could possibly go wrong

This is the first attempt to synthesize current understanding of biodiversity in the great European hot spot. A diverse group of international researchers offers perspective on biodiversity at the level of the gene, species and ecosystem, including contributions on temporal change. Biological groups include plants, mammals, spiders and humans, cave-dwelling organisms, fish, aquatic invertebrates and algae.

The motor scooter, so familiar a sight on the streets of cities throughout the world, can trace its ancestry back to the early years of the Twentieth century, but it really came into its own after the Second World War. In Italy the Piaggio company launched the Vespa that quickly became a byword for quick, cheap and chic urban personal transport. The Lambretta soon followed, along with dozens of rival scooters from manufacturers all over Europe, North America and Japan, including some famous names as Ducati, Heinkel, Triumph, Puch, Honda and Harley-Davidson.

This book is a valuable tool to assist both cardiovascular physicians and scientists learning the intricacies of hypertension research and its milestone studies. All major hypertension trials have been reviewed in this book in chronological order with extensive discussion of the study population, study design, and outcomes and with a special focus on what knowledge they offered, their strengths and weaknesses, statistical errors, impact on international guidelines and unmet needs. Importantly, the book also offers physicians and young scientists with basic knowledge regarding medical biostatistics. It is of critical importance for a scientist

involved in the field to understand deeply the process of analyzing medical data. Moreover, the accurate interpretation of the results is central for applying evidence-based medicine in everyday clinical practice. Management of Hypertension: Current Practice and the Application of Landmark Trials is a critical tool to assist in the education of physicians and researchers in the field, providing a separate section on pioneer researchers in hypertension and urging readers to become bright exemplars for scientists wishing to pursue a career in academic medicine and hypertension research.

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